

Serial No. **10/635,502**

Docket No. **HI-0139**

Amdt. dated May 18, 2006

Reply to Office Action of February 27, 2006

**Amendments to the Abstract:**

Please replace the current Abstract with the following new Abstract of the Disclosure.

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### **ABSTRACT OF THE DISCLOSURE**

A linear power amplifier (LPA) shelf for a mobile communication base station including a plurality of LPA types installed in one LPA shelf. The LPA shelf includes a signal dividing unit and a signal combining unit, which can connect either a single path or multiple paths. The LPA shelf further includes a first LPA type conversion unit and a second LPA type conversion unit, which perform a switching operation so as to use one LPA of six LPAs as either a redundant LPA or an LPA that amplifies a gamma sector signal. Accordingly, since a plurality of LPA types can be supported with one LPA shelf, it is possible to prevent service from being stopped and prevent the waste of time, cost and human resources due to the replacement of equipment.